

# Abstracts

## A Method of Improving Isolation in Multi-Channel Waveguide Systems (Correspondence)

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G.F. Engen. "A Method of Improving Isolation in Multi-Channel Waveguide Systems (Correspondence)." 1960 *Transactions on Microwave Theory and Techniques* 8.4 (Jul. 1960 [T-MTT]): 460-461.

In microwave measurements, frequent use is made of "two channel" or multiple channel systems, in order to obtain isolation from amplitude fluctuations in the generator output and/or various other benefits. In such systems it is generally required that the signal delivered to one channel be independent of changes in loading, etc., in the second channel, and a common problem is that of achieving or determining that an adequate degree of isolation exists between the different channels. It is the purpose of this letter to describe briefly procedures for obtaining and recognizing this condition.

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